

a compression mechanism disposed within said shell, said compression mechanism including a compression chamber defined in part by a moveable member [movable], said moveable member operating to vary the volume thereof;

a drive shaft rotatably supported within said shell and drivingly coupled to said movable member;

a suction inlet passage for supplying suction gas to said compression chamber from a source remote from said shell;

a valve within said suction inlet passage, said valve being actuatable between an open position to allow flow of suction gas through said inlet passage and a closed position to substantially prevent flow of suction gas through said inlet passage;

a controller for cyclically actuating said valve to an open position for first predetermined time periods and to a closed position for second predetermined time periods, the ratio of said first predetermined time period to the sum of said first and second predetermined time periods being less than a given load time constant and determining the percentage modulation of the capacity of said compressor.

REMARKS

Prior to paying the issue fee in the subject application, applicant carefully reviewed the allowed claims to make sure there were no errors made. A minor typographical error was found, thus necessitating this amendment. The amendment has been made to correct this obvious typographical error and to improve consistency.